

## Experience

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### **Junior Software Engineer      Fintech Startup      Sep 2017 - Present**

- Worked as a full-stack engineer primarily working on our client facing dashboard built with AngularJS, TypeScript and Go micro-services
- Wrote extensive unit + integration tests for both back-end and front-end components
- Independently resolved 50+ JIRA tickets which required implementing new features or fixing bugs

### **Engineering Co-op Student      Pulp & Paper Ltd      Aug 2016 - Dec 2016**

- Using SAP API and VBA created a suite of Excel tools for Project Managers that saved them 10 hours every week
- Developed Python database app with SQLite to reduce time searching for SAP materials by 50%

### **Data Analyst Intern      Logistics Company      Dec 2015 - Sep 2016**

- Replaced manual processes with Python to efficiently consolidate all daily incoming data, saving 2 hours per day
- Improved hiring practices by analyzing compiled data to demonstrate the low retention rates associated with hiring through labor agencies
- Utilized Excel pivot tables to summarize, categorize, and present data allowing the owner to make informed decisions about company operations

## Education

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### **CADCity, CADProv      University of Anons      Sep 2013 - May 2019**

- Bachelor of Applied Science in GPA: 3.6/4.3

## Projects

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- **RoboRooney** *Go, Slack, Heroku*,  
Slack-bot to quickly scan all available openings at football pitches using the MyLocalPitch API and help arrange scrimmages through Slack
- **JobBot** *Python, Selenium, XPath, NLP*,  
Robot that can automatically search and apply to jobs on Angel and Indeed with a custom cover letters based on a template and provided keywords. This bot helped me get my job at Fintech Startup!
- **Blob Combat Simulation** *C++, SFML, QtCreator, Eigen*,  
Developed a simulation where 'blobs' evolve to fight using neural networks and different genetic selection algorithms
- **Improved UA Transcript** *Python, Flask, TypeScript*,  
Bookmarklet that enhances and beautifies the UA unofficial transcript which gets about 450 hits per month and has been very well recieved by UA community on Reddit.